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measurement system for controlling parameters of the level measurement system.

Please also add new claims 6-10 to the subject application, as indicated below:

6. (New) A level measurement system for measuring the level of material in a container, said level measurement system comprising:

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- (a) a level measurement device having a wireless communication receiver, said level measurement device having configurable parameters; and
 - (b) an intrinsically safe portable device, including
 - (i) an enclosure,
 - (ii) an electronic circuit mounted in said enclosure, said electronic circuit including a low voltage power supply and a low power microcontroller for operating at a low voltage level to eliminate the incidence of sparking,
 - (iii) a keypad coupled to said electronic circuit, and
 - (iv) a wireless transmitter responsive to said electronic circuit and operative to transmit control signals to said wireless communication receiver on said level measurement device for controlling said configurable parameters.

7. (New) The level measurement system as claimed in claim 6, wherein said electronic circuit is encased in an epoxy inside of said enclosure, said epoxy providing a barrier against sparking in the electronic circuitry.

8. (New) The level measurement system as claimed in claim 7, wherein said enclosure is formed from general polymers polystyrene having a maximum surface resistivity of 5,000E+03 Ohms.

9. (New) The level measurement system as claimed in claim 6, wherein said wireless transmitter comprises an infrared transmitter.

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10. (New) The level measurement system as claimed in claim 9, wherein said electronic circuit operates at a nominal voltage of 3 volts, and said low voltage power supply comprises a single cell lithium battery.
